SHINSEI MARU KS-17-J04 Bathymetry (MBES)

Last Modified: 2021-04-15

ReadMe

Cruise ID: KS-17-J04
Bathymetry (MBES): Raw
Data Policy: JAMSTEC
Observation Items: Depth
Science Keywords:

OCEANS	> BATHYMETRY/SEAFLOOR TOPOGRAPHY	> BATHYMETRY
SOLID EARTH	> GEOMOROHOLOGY	

Cruise Report
http://www.godac.jamstec.go.jp/catalog/data/doc_catalog/media/KS-17-J04_all.pdf

For Using Data

Principal Investigator
Data Management Office

Use Constraints
See Terms and Conditions about constrain of use.

Data Citation
See Terms and Conditions about data citation.

Instrument

Instrument:
Multi-narrow beam echo sounder for shallow-medium water

Instrument:
Multi-narrow beam echo sounder for deep water

Measurement System

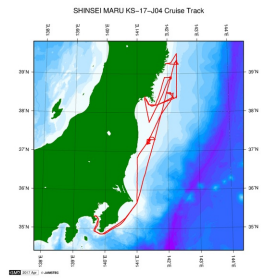
	Multibeam echo sounder for shallow water (MBES-S)	Multibeam echo sounder for deep water (MBES-D)
Manufacturer:	Teledyne RESON	Elac
Type :	SeaBat7125SV2	SeaBeam3020
Frequency :	200kHz or 400kHz	20kHz
Swath angle:	Max 165°	Max 140°
Beam angle:	1.0° * 2.0°(200kHz), 0.5° * 1.0°(400kHz)	1° * 1°
Beam number:	256(200kHz), 512(400kHz)	301
Range:	0.5m - 450m	50m - 7,000m
Accuracy(Depth) :	Compliance with IHO S-44 over entire depth range	Compliance with IHO S-44 for depth greater than 100 metres

About this data

Only MBES-S data was collected in this cruise, but we have no plan to process the MBES-S data.
If you would like the raw data set, please contact us from "Contact Us" above.

Related Information

Cruise Data Dive Data



Enlarge Image

KS-17-J04
Ship Name: SHINSEI MARU
Period: 2017-02-11 - 2017-02-27
Chief Scientist: Shinji Tsuchida (JAMSTEC)
Project Name: [Tohoku Ecosystem-Associated Marine Sciences (TEAMS)]
Proposal Researches on marine ecosystem dynamics off Sanriku
Title:

Update History

2021-04-15	An observation data was registerd.

POWER GRAB SAMPLER (SHELL)
POWER GRAB SAMPLER (CLOW)
BMS

JAMSTEC 国立研究開発法人 海洋研究開発機構
JAPAN AGENCY FOR MARINE-EARTH SCIENCE AND TECHNOLOGY

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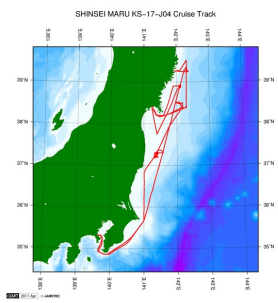

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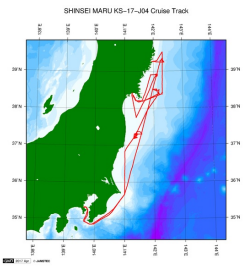

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